REMARKS

Specification

The status of U.S. Application No. 60/272,521 has been updated on page 1 of the specification.

Claims

Amendment to claim 19 is for the purpose of clarifying what Applicant regards as the invention. Amendment to claim 32 is to correct a typographical error. No new matter has been added.

I. CLAIM OBJECTION

Claim 32 stands objected to because a period is missing at the end of the sentence. Claim 32 has been amended to overcome the objection.

II. CLAIM REJECTIONS UNDER 35 U.S.C. § 102/103

Claims 1-18

Claim 1 stands rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,289,462 (McNabb). Applicant respectfully notes that, in order to sustain a rejection under §102, each element in the rejected claim must be found, either expressly or inherently, in the cited reference.

Claim 1 recites storing database user authorization in a central directory, wherein the database user authorization comprises a *user role*, locally defining the user role at a network node, and granting user privileges on the network node based upon the user role. McNabb does not disclose or suggest such limitations. According to the Office Action, column 5, lines 20-30 and

47-61, and column 6, lines 26-29 of McNabb disclose the above limitations. However, the cited passages disclose:

> The present invention provides a method of processing requests from a plurality of computing devices at a trusted server comprising the steps of: receiving an incoming request for a data object; assigning a sensitivity label to an incoming request for a data object; reading extended attributes at a first storage destination associated with the data object; redirecting the incoming request to a second storage destination for the data object based on the combination of the sensitivity label and the extended attributes; executing an action associated with the redirected request.

> Following the configuration mode, a method . . . further comprising the steps of: receiving a request related to the commercial software product at the trusted server comprising a request name, and address indicia; assigning a sensitivity level from the address indicia for the request related with the commercial software product; determining from the request a first location for a process to be executed for the commercial software product; retrieving the applied attributes for the process of the commercial software product stored at the first location; comparing the applied attributes to the assigned sensitivity level for the request; executing the process requested where the process retrieved is correlated to the applied sensitivity level.

> A trusted server. . . comprises storage means for storing a plurality of data objects with extended attributes in at least one data partition; processor means for receiving requests and executing processes in response to the user requests . . ..

As such, the cited passages do not disclose or suggest storing database user authorization in a central directory, wherein the database user authorization comprises a *user role*. Nor do the cited passages disclose or suggest *locally defining the user role* at a network node, or granting user privileges on the network node based upon the user role. For at least the foregoing reasons, claim 1 and its dependent claims, are believed allowable over McNabb.

Claims 19-38

Claims 19 and 26-37 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over McNabb in view of U.S. Patent Application Publication No. 2002/0082818A1 (Ferguson). Claim 19 recites user access information data objects stored in a LDAP directory, the user access information data objects comprising authentication and authorization information, wherein *the authorization*

information is associated with a scope of access for a user. McNabb and Ferguson do not disclose

or suggest such limitations. Applicant agrees with the Examiner that McNabb does not disclose or

suggest a LDAP directory, even less, a LDAP directory storing authorization information that is

associated with a scope of access for a user. According to the Office Action, figure 3 and paragraph

4 of Ferguson discloses using a LDAP directory. However the cited passage of Ferguson actually

states:

> In FIG. 3, a system 300 is illustrated, which is suitable for automated provisioning, remote access and maintenance of network devices. Another system in which models according to the present invention can be implemented is described in U.S. patent application Ser. No. _____, entitled "AUTOMATED PROVISIONING FRAMEWORK FOR INTERNET SITE SERVERS" to Raymond Suorsa et al. filed on an even date herewith, the disclosure of which is incorporated here by reference. A database 302 can be used to implement the data model according to exemplary embodiments of the present invention. This database 302 may reside on any large scale storage device. For example, suitable storage devices upon which the database associated with the data model of the present invention may be stored include redundant array of independent disks (RAID) systems, such as those provided by EMC Corporation of Hopkinton, Mass., or other similar devices. This database 302 may be accessed by the various agents 304A, 304B, 304C, whose level of access may be determined by a hierarchy of trust component 306. Additionally, a user interface 308 may be provided for the convenience of a user in accessing information contained within the database 302, or software contained within the software file system 310. The determination of the level of access granted by the user interface 308 is made by the hierarchy of trust component 306. Access determination information is stored by the access determination component 312, which is accessible by way of database 302. This is accomplished by using a hierarchical file structure in which specific access is determined and operated only to those users to whom it should be granted. This is accomplished by user authentication via a lightweight directory access protocol (LDAP) server that authenticates users within particular domain names that map to specific customer accounts. The hierarchy of trust component 306 interprets the data related to it from the database 302, and communicates this data, or the interpretation thereof to the various agents 304A, 304B, 304C, and/or the user interface 308.

As such, the cited passage also does not disclose or suggest a LDAP directory storing user access

information that *is associated with a scope of access for a user*, as recited in claim 19. Since

McNabb and Ferguson both fail to disclose or suggest the above limitations, they cannot be

combined to form the subject matter of claim 19. For at least the foregoing reason, claim 19 and its

dependent claims, are believed allowable over McNabb, Ferguson, and their combination.

Claims 39-51

Claim 39 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over McNabb in

view of U.S. Patent Application Publication No. 2002/0026592A1 (Gavrila). Claim 39 recites

storing database user authorization in a central directory, wherein the database user authorization

comprises a user role, locally defining the user role at a network node, and granting user privileges

on the network node based upon the user role. As discussed previously with reference to claim 1,

McNabb does not disclose or suggest these limitations. Gavrila also does not disclose or suggest the

above limitations, and therefore, fail to make up the deficiencies present in McNabb. Since McNabb

and Gavrila both fail to disclose or suggest the above limitations, they cannot be combined to form

the resulting subject matter of claim 39. For at least the foregoing reasons, claim 39 and its

dependent claims are believed allowable over McNabb, Gavrila, and their combination.

CONCLUSION

Based on the foregoing, all remaining claims are believed allowable and a Notice of Allowance is respectfully requested. If the Examiner has any questions or comments regarding this amendment, the Examiner is respectfully requested to contact the undersigned at the number listed below.
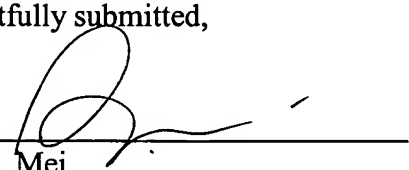
The Commissioner is authorized to charge any fees due in connection with the filing of this document to Bingham McCutchen's Deposit Account No. **50-2518,** referencing billing number **7010852003**. The Commissioner is authorized to credit any overpayment or to charge any underpayment to Bingham McCutchen's Deposit Account No. **50-2518,** referencing billing number **7010852003**.

Respectfully submitted,

Dated: 12/9/04

By: _____
Peter C. Mei
Reg. No. 39,768

Bingham McCutchen LLP
Three Embarcadero Center, Suite 1800
San Francisco, California 94111-4067
Telephone: (650) 849-4870
Facsimile: (650) 849-4800